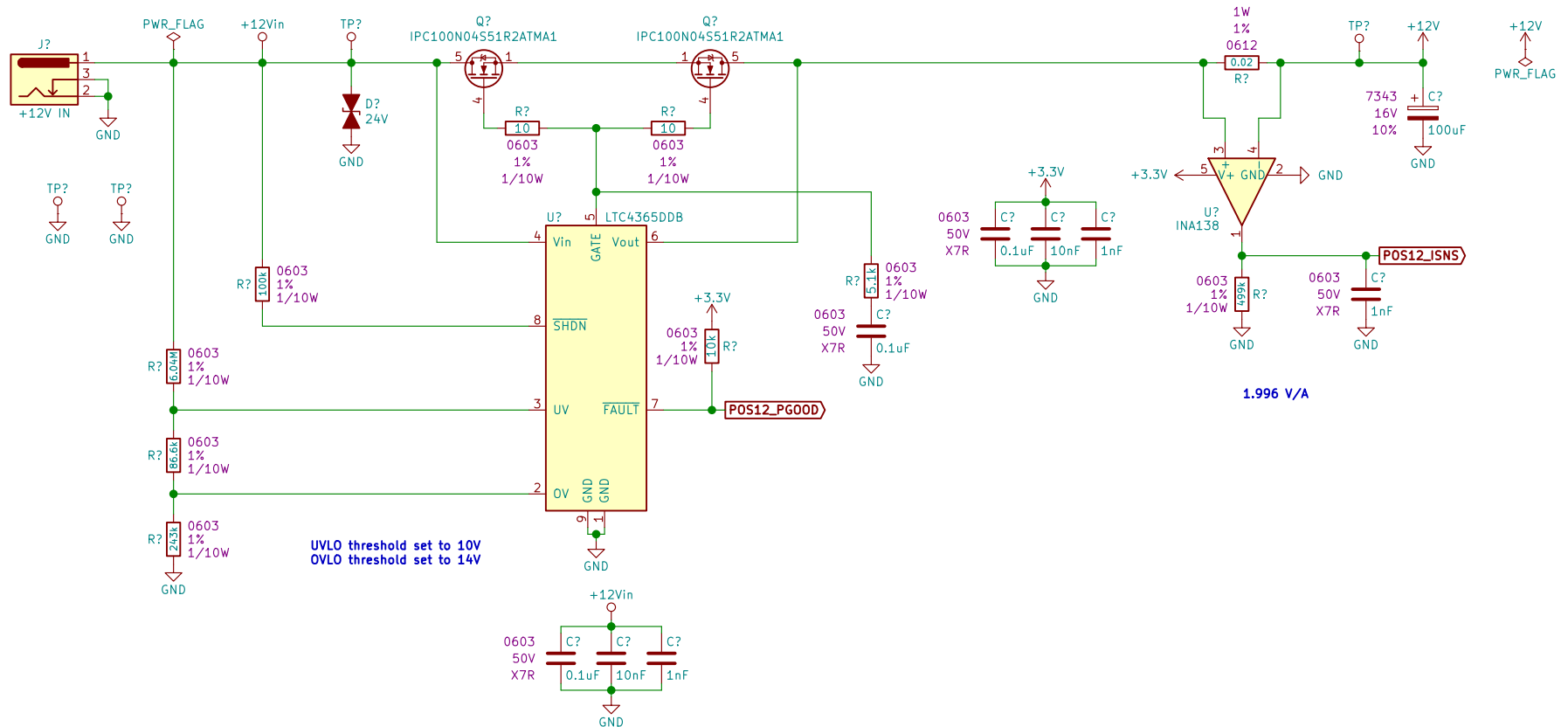


02. +12V Input



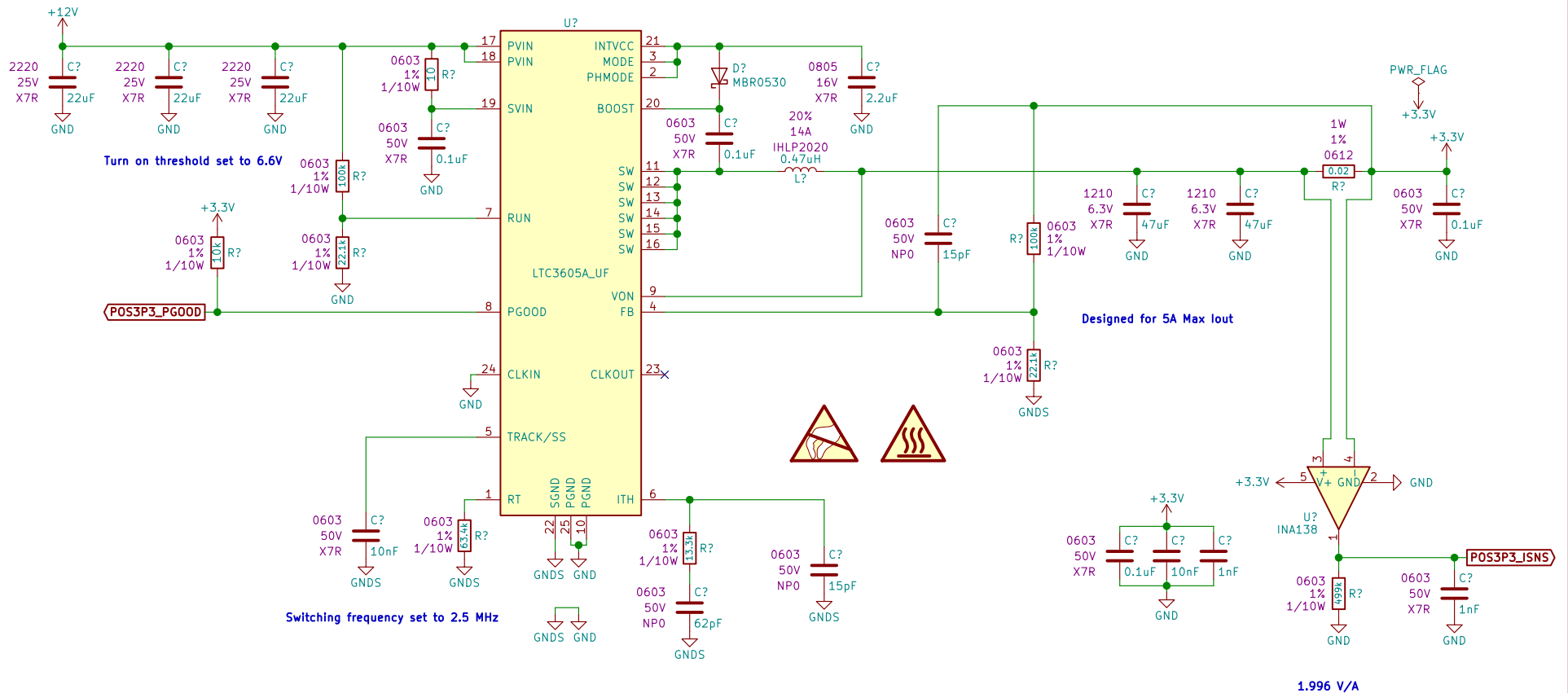
Sheet: /+12V Input/
File: POS12_Input.sch

Title:

Size: A	Date: 2019-01-03
KiCad E.D.A. kicad (5.1.2)-1	

Rev: A
Id: 2/17

03. +3.3V Power Supply



Marquette University Senior Design 2018/2019 Group E44

Sheet: /+3.3V Power Supply/
File: POS3P3_Power_Supply.sch

Title: Electronic Display Logic Board

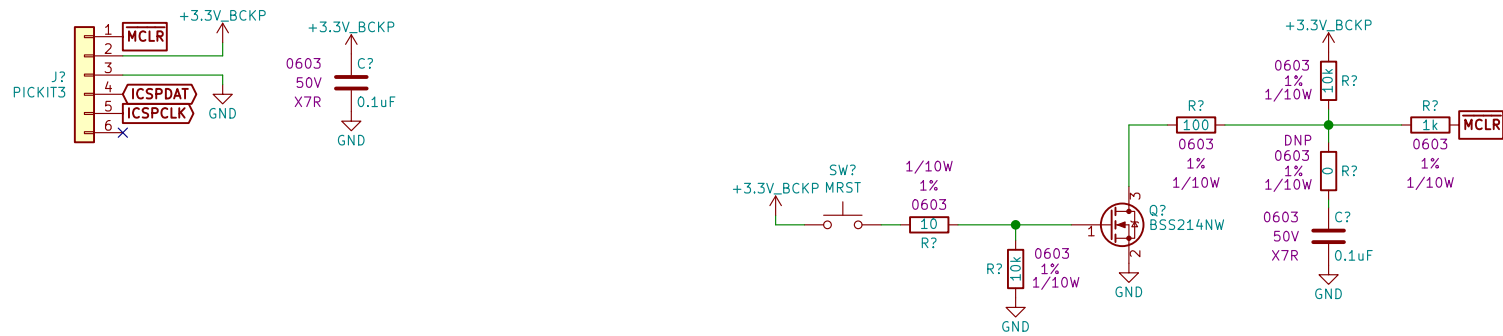
Size: A	Date: 2018-12-15
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Rev: A

Id: 3/17

Microcontroller Programming



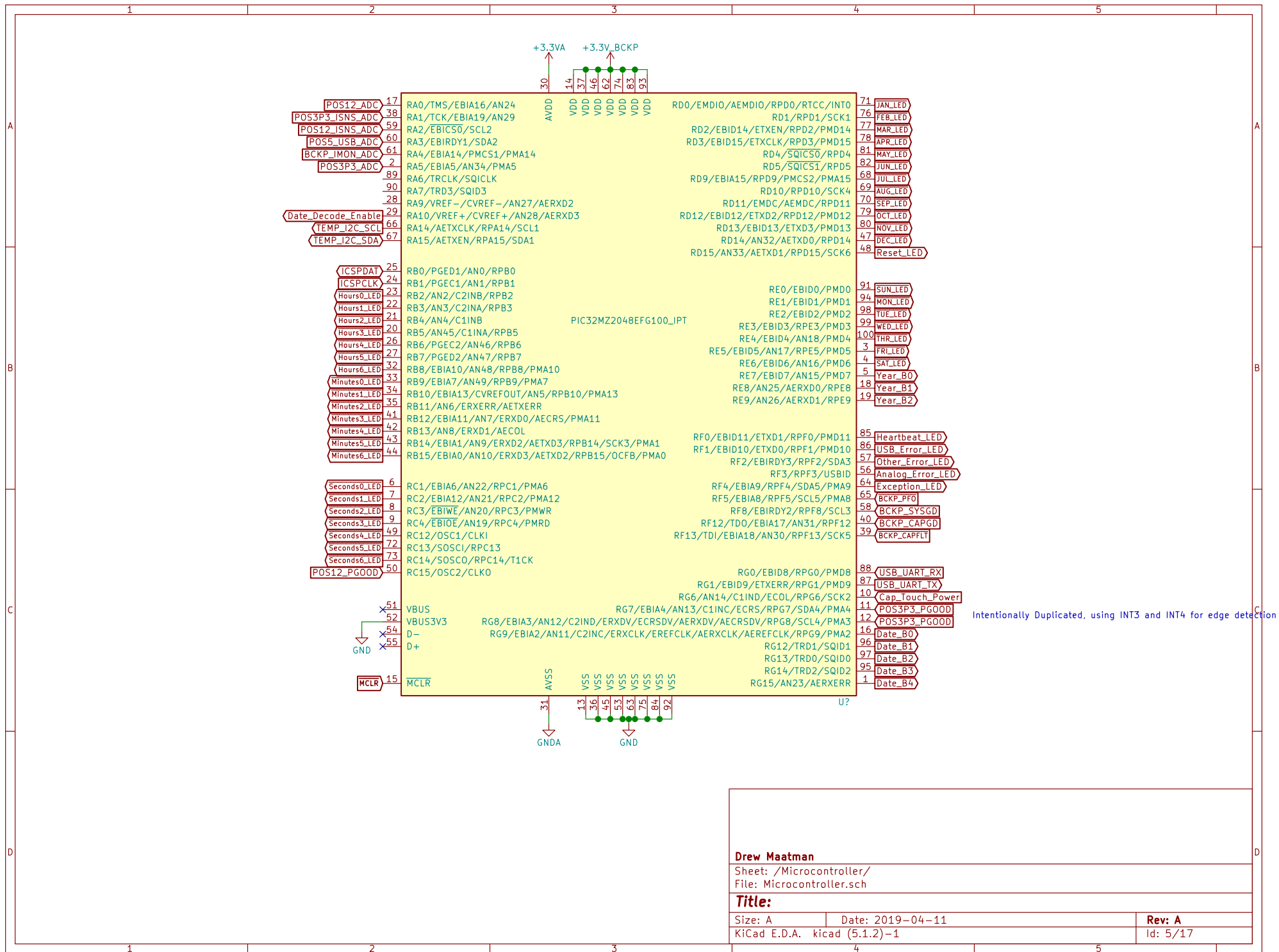
Drew Maatman

Sheet: /Microcontroller Programming/
File: Microcontroller_Programming.sch

Title:

Size: A	Date: 2019-04-11
KiCad E.D.A. kicad (5.1.2)-1	

Rev: A
Id: 4/17



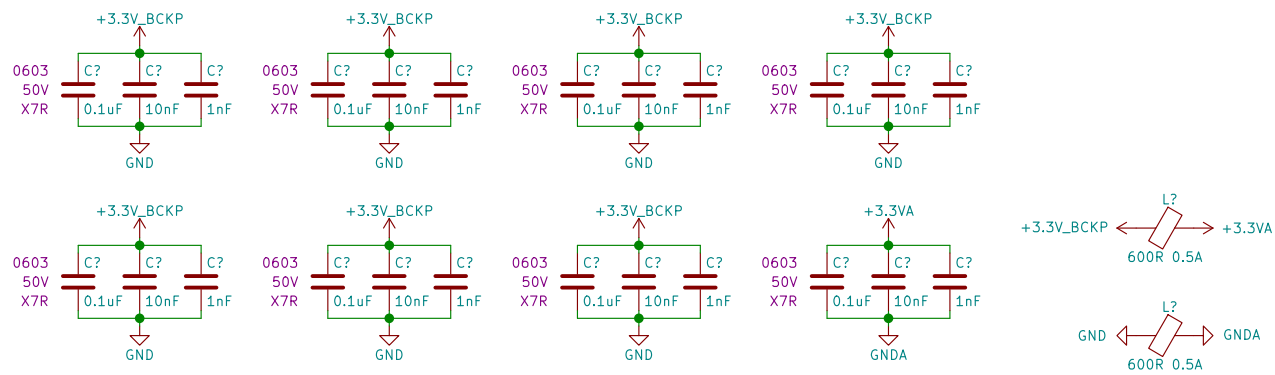
Drew Maatman

Sheet: /Microcontroller/
File: Microcontroller.sch

Title:

Size: A Date: 2019-04-11
KiCad E.D.A. kicad (5.1.2)-1

Rev: A
Id: 5/17



Sheet: /Microcontroller Bypass/
File: Microcontroller_Bypass.sch

Title:

Size: A

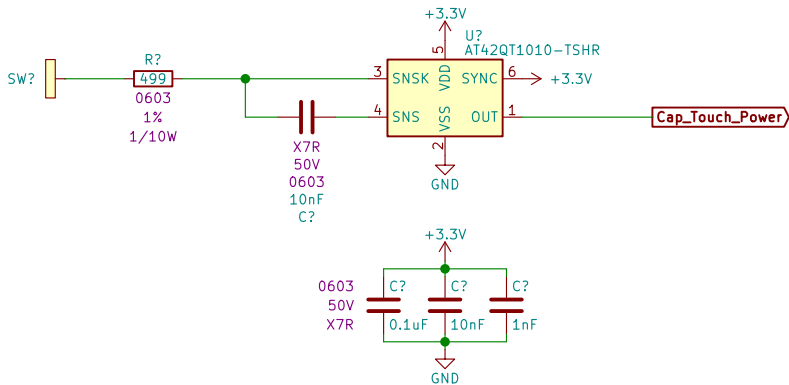
Date:

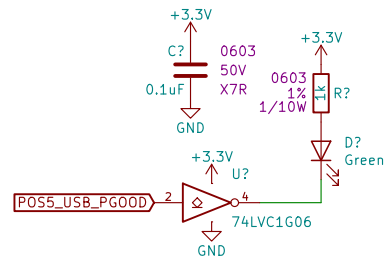
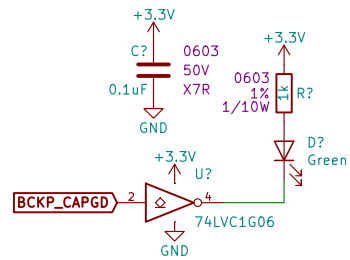
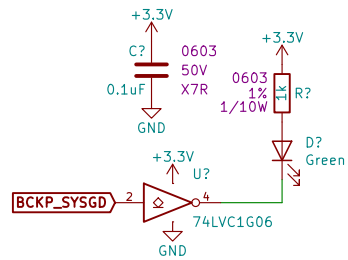
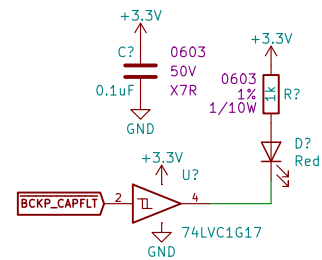
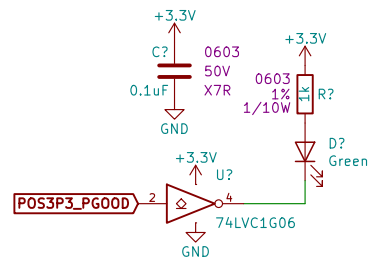
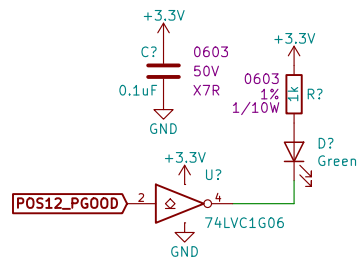
KiCad E.D.A. kicad (5.1.2)-1

Rev:

Id: 6/17

08. Capacitive Touch Sensors





Sheet: /PGOOD LEDs/
File: PGOOD_LEDS.sch

Title:

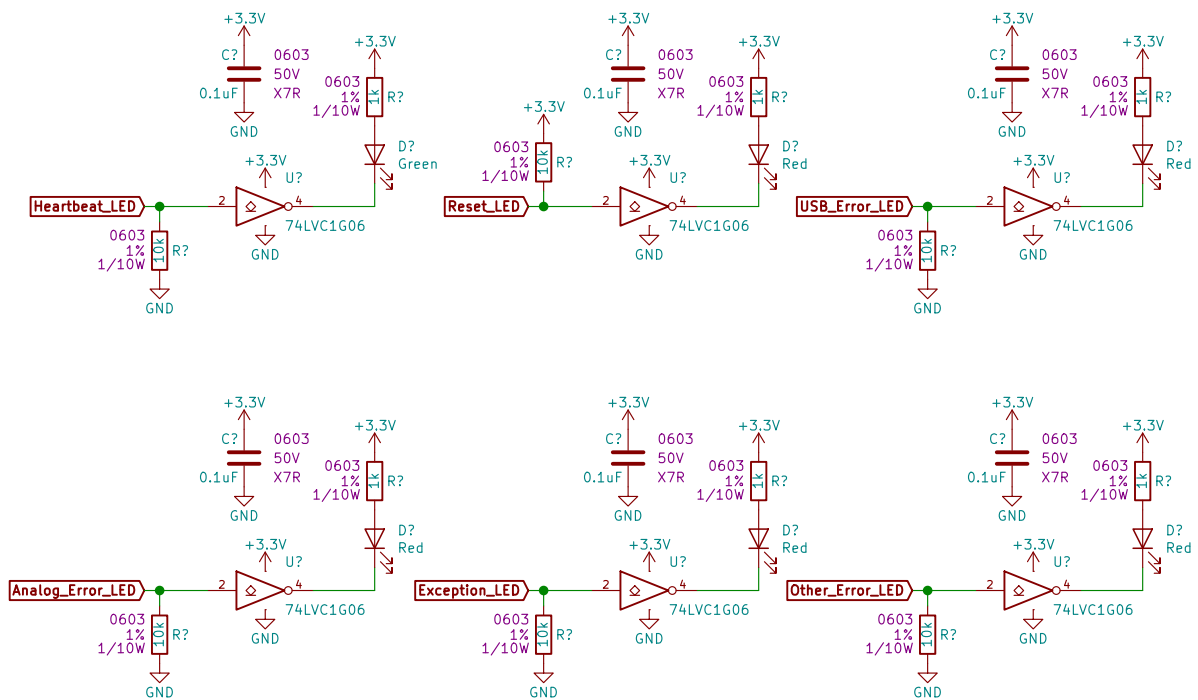
Size: A

Date:

KiCad E.D.A. kicad (5.1.2)-1

Rev:

Id: 8/17

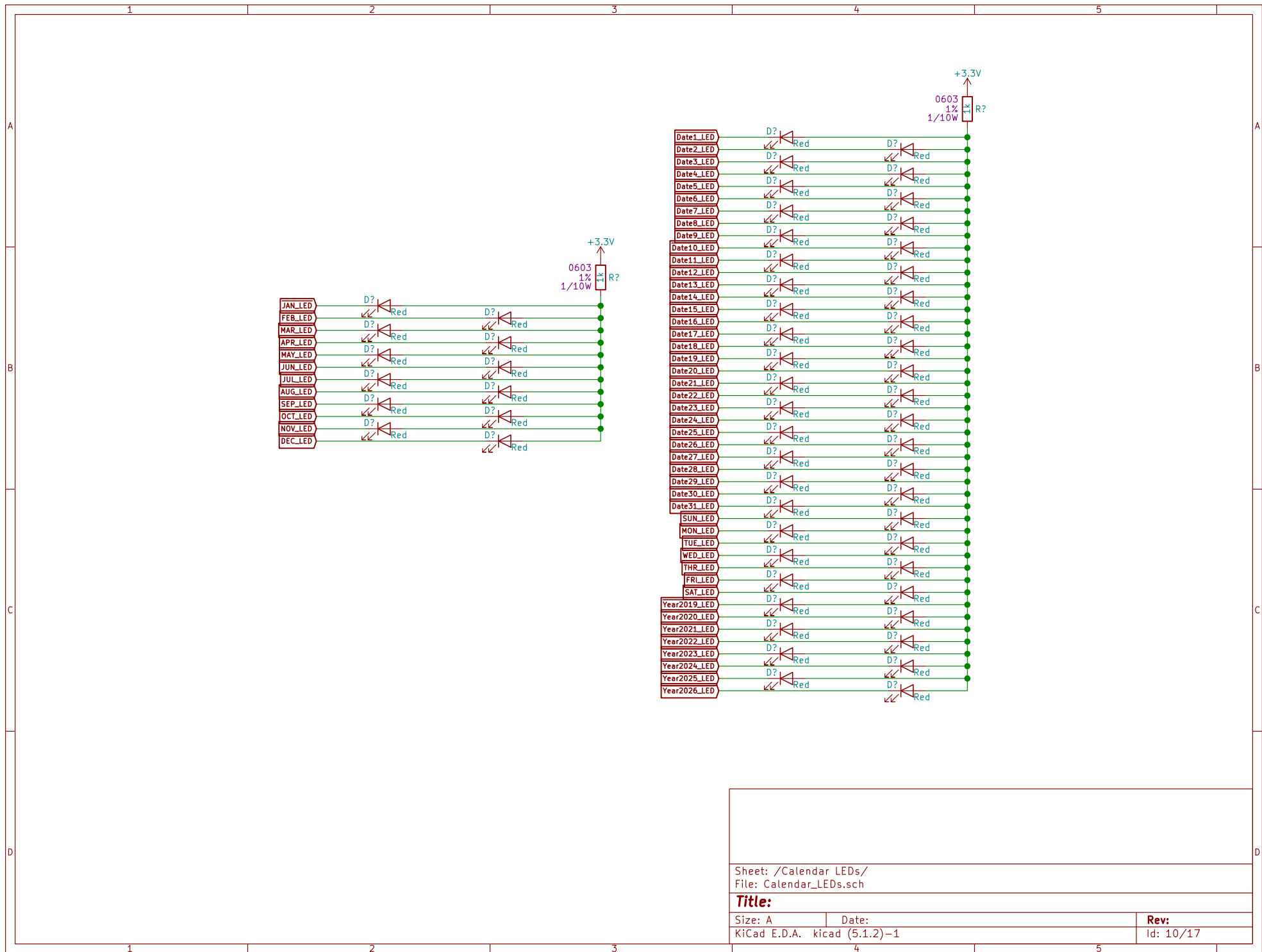


Sheet: /Status LEDs/
File: Status_LEDs.sch

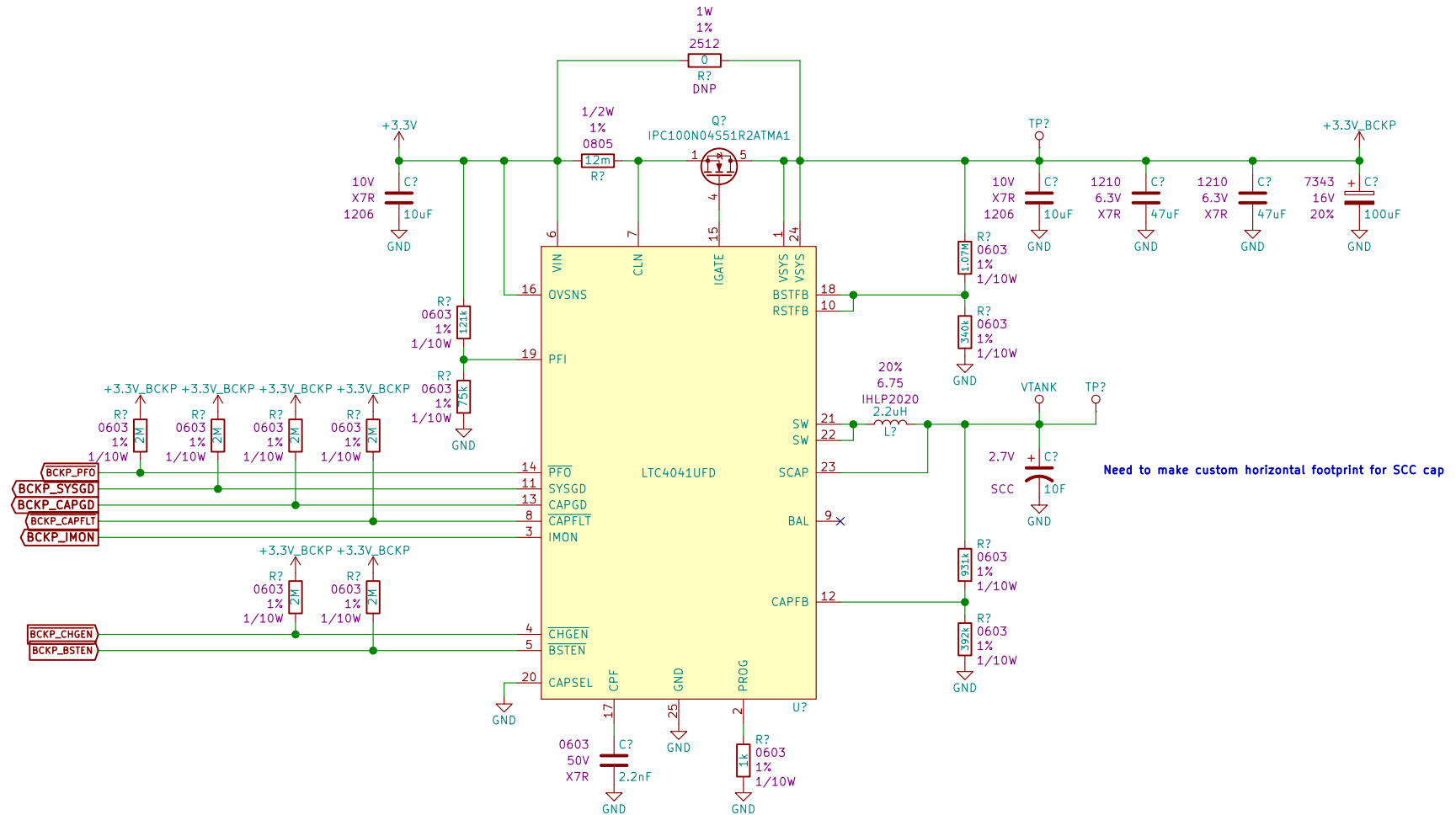
Title:

Size: A Date:
KiCad E.D.A. kicad (5.1.2)-1

Rev:
Id: 9/17



Supercap Backup Circuit



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Sheet: /+3.3V BCKP Power Supply/
File: POS3P3_BCKP_Power_Supply.sch

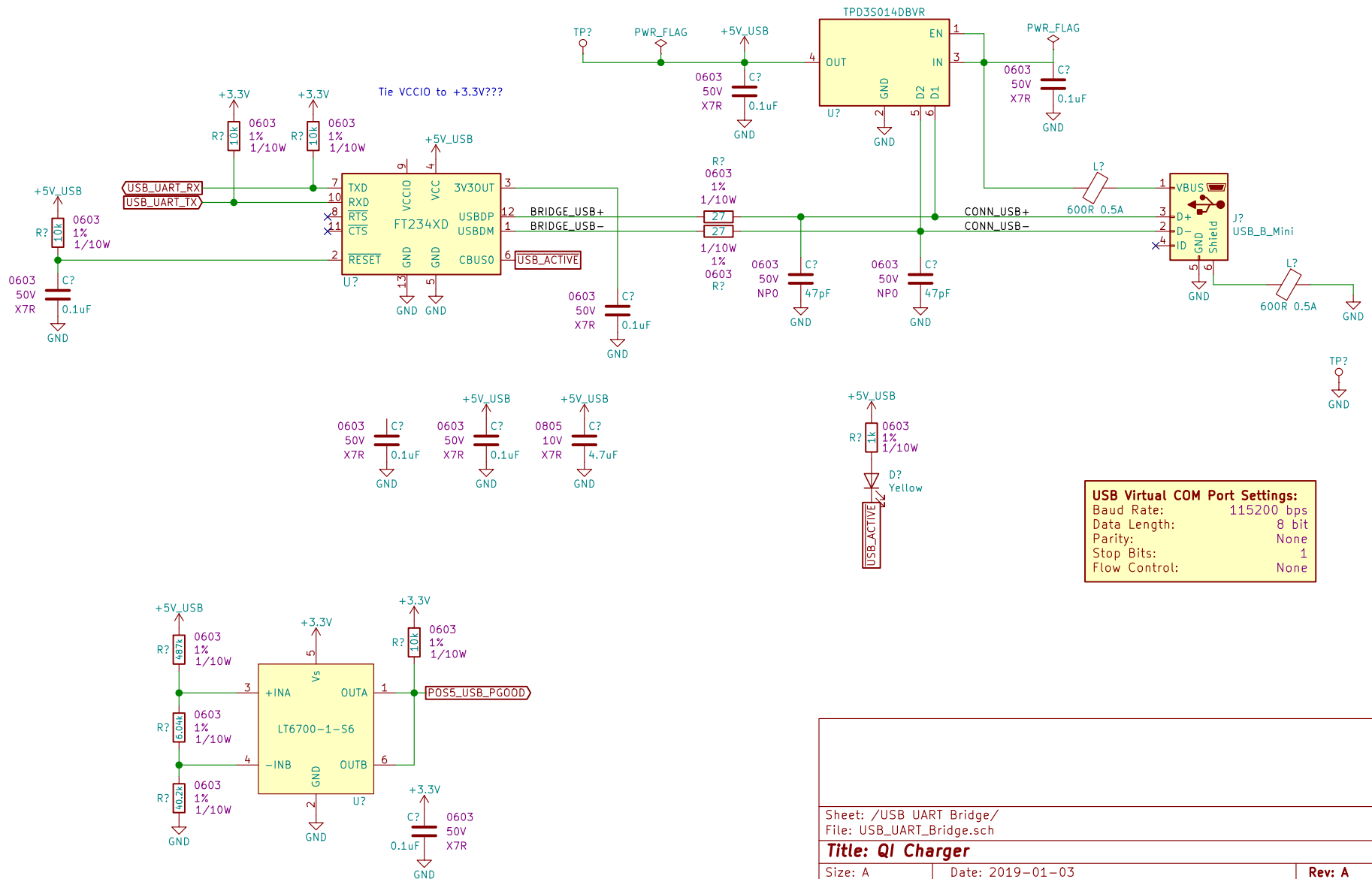
Title:

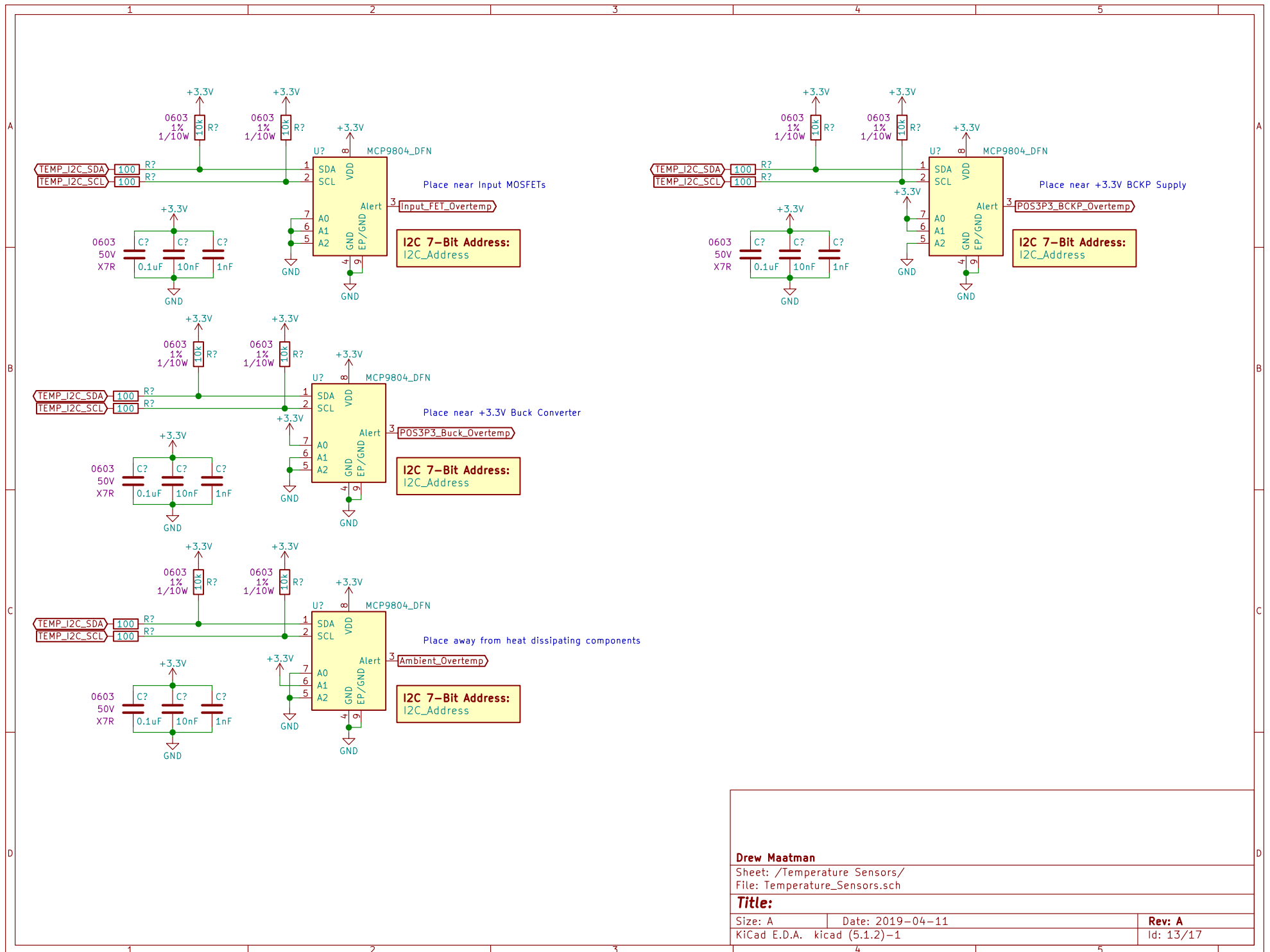
Size: A Date: 2019-04-11
KiCad E.D.A. kicad (5.1.2)-1

Rev: A
Id: 11/17

10. USB UART Bridge

Consider adding +5V USB Current Sensing
Maybe find a current limit switch with IMON pin??





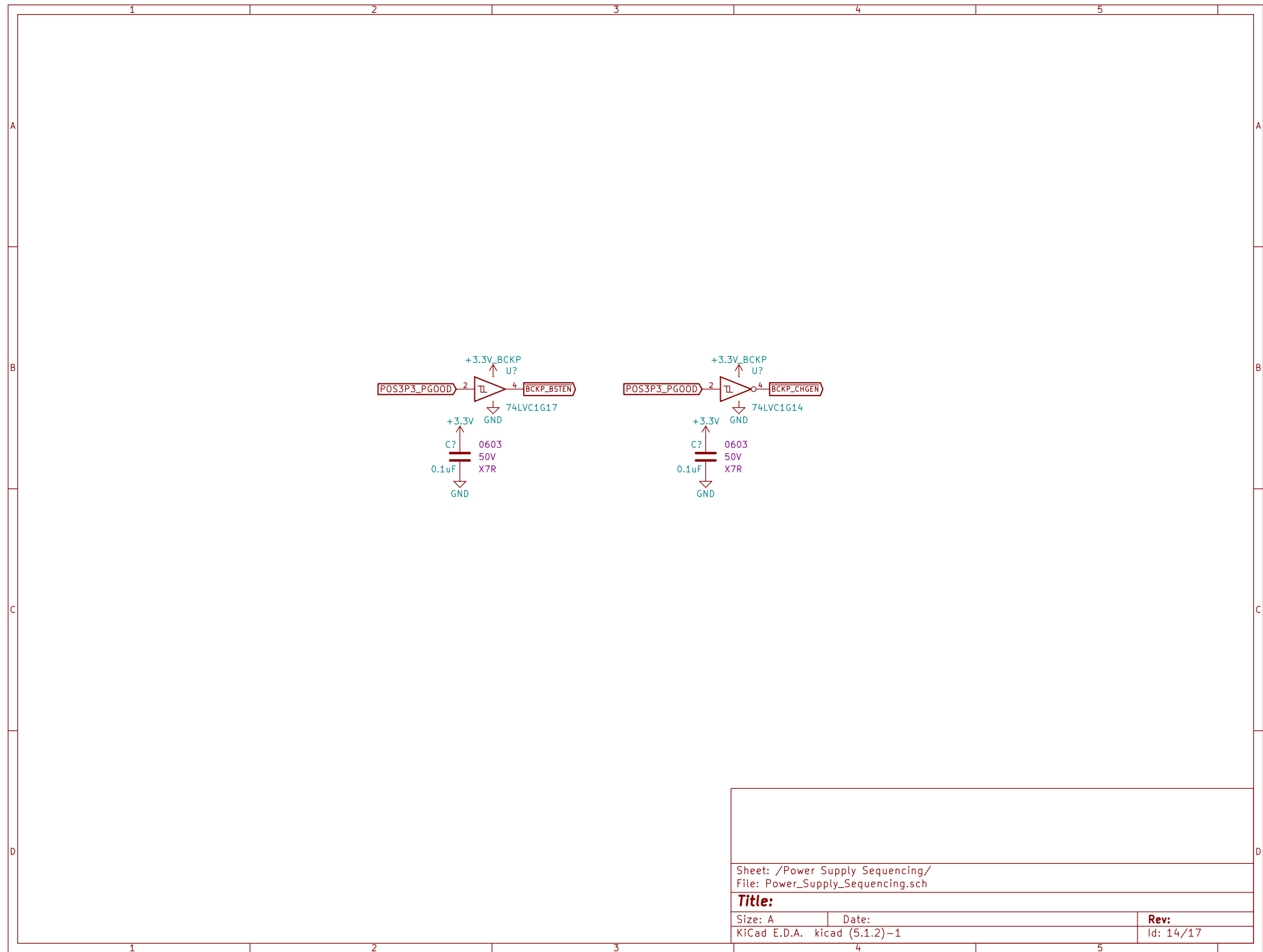
Drew Maatman

Sheet: /Temperature Sensors/
File: Temperature_Sensors.sch

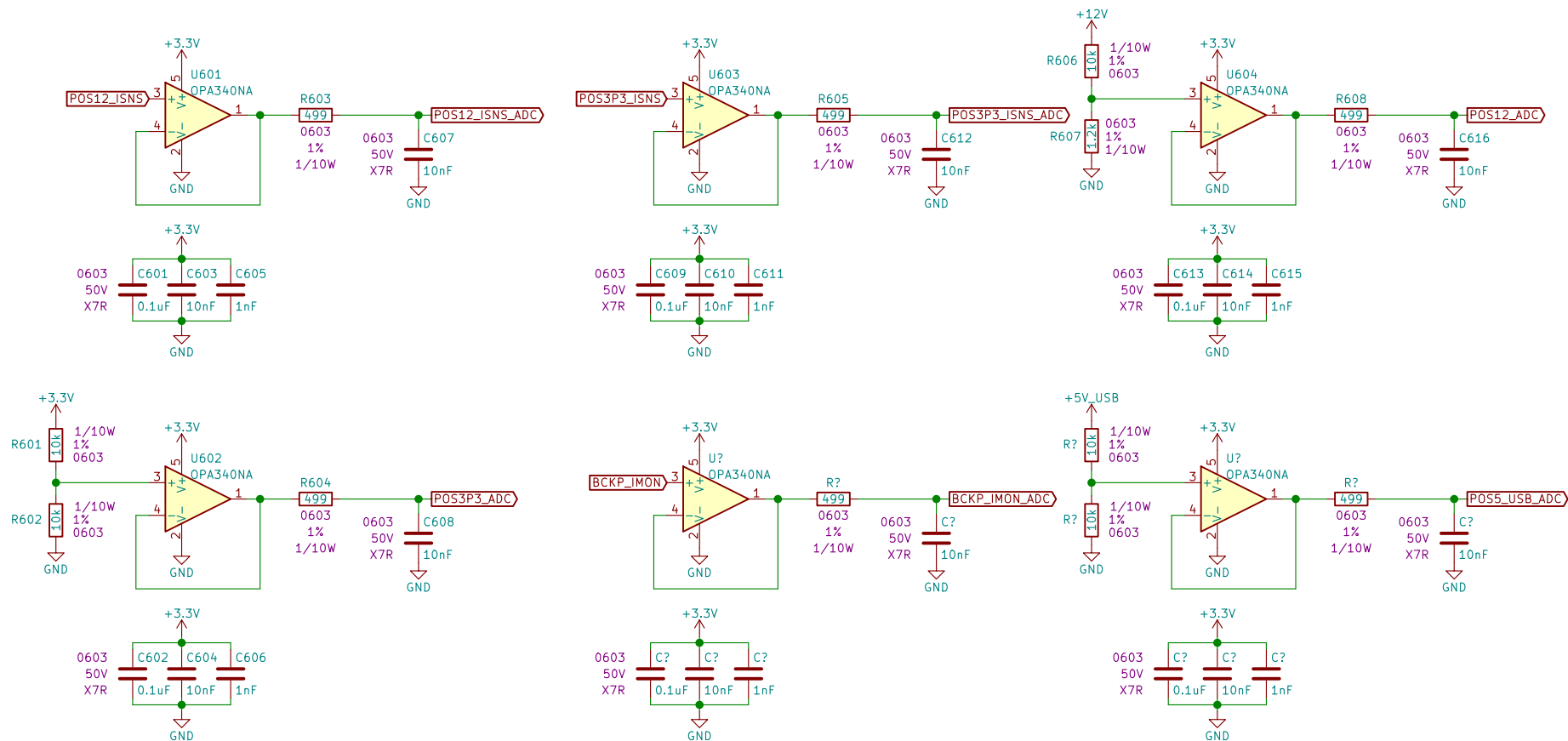
Title:

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KiCad E.D.A. kicad (5.1.2)-1

Rev: A
Id: 13/17



06. ADC Drivers

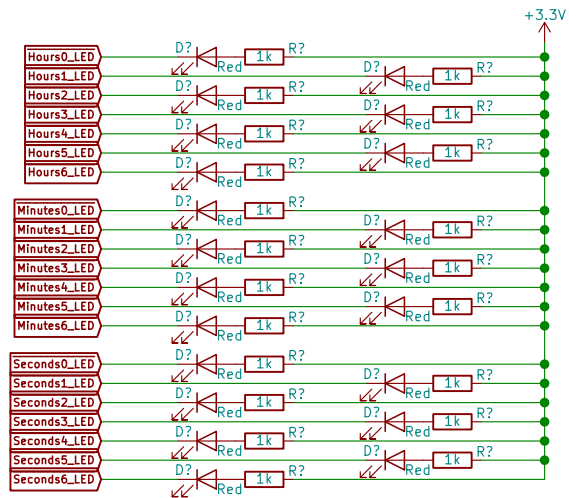


Sheet: /Analog Conditioning/
File: Analog_Conditioning.sch

Title: QI Charger

Size: A Date: 2019-01-03
KiCad E.D.A. kicad (5.1.2)-1

Rev: A
Id: 15/17



Sheet: /Binary Clock LEDs/
File: Binary_Clock_LEDs.sch

Title:

Size: A

Date:

KiCad E.D.A. kicad (5.1.2)-1

Rev:

Id: 16/17

